

Packaging Innovation, Compliance & Performance

Scientific insight, regulatory expertise and testing solutions to accelerate packaging development and market readiness

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Packaging Innovation Under Increasing Regulatory and Market Pressure

Packaging manufacturers, converters, brand owners and material suppliers face growing pressure to deliver safe, compliant and sustainable packaging while maintaining performance, functionality and speed to market.

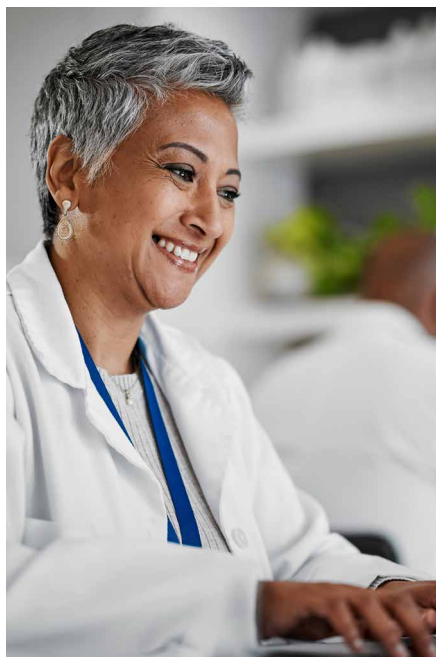
Regulatory requirements are evolving rapidly, driven by legislation such as the Packaging and Packaging Waste Regulation (PPWR), expanding PFAS restrictions, increasing scrutiny of Non-Intentionally Added Substances (NIAS), growing use of recycled plastics in food contact applications, evolving recycling technologies, Extended Producer Responsibility (EPR) schemes, and emerging measures to reduce plastic pellet losses and microplastic pollution.

At the same time, customers, retailers and investors expect greater transparency, traceability, sustainability reporting and substantiated environmental claims throughout the supply chain.

To successfully navigate these challenges, organisations need trusted scientific data, regulatory insight and independent laboratory expertise to support packaging development, regulatory compliance, recycled material qualification, product performance validation and manufacturing assurance.

Through Intertek's Polymer Science solutions, clients gain access to a broad range of testing, characterisation, regulatory, sustainability and assurance services that help accelerate innovation and support production while reducing technical and regulatory risk.





Intertek Polymer Science Services

Intertek Polymer Science combines analytical expertise, materials science, regulatory knowledge and industry experience to support packaging products throughout their lifecycle, from material selection and product development through to manufacturing, regulatory submission, market launch and recycling. We support packaging innovation and compliance across food and beverage, cosmetics, medical, consumer products, and other performance-critical sectors. Our services include:

Regulatory & Compliance Support

- Regulatory consultancy and compliance strategies
- European (EU) and US food contact regulatory support
- Migration, NIAS and contaminants testing
- PFAS screening and assessment
- Declaration of Compliance (DoC) support
- Global market access support

Packaging Testing & Characterisation

- Material characterisation
- Chemical and physical testing
- Product performance and durability testing
- Weathering and ageing studies
- Failure investigation and root-cause analysis
- Provenance and traceability analysis

Innovation & Product Development Support

- Material selection and benchmarking
- Alternative material evaluation
- Lab-scale processing support: Cast film, compounding and moulding trials
- Process decontamination and optimization support

CircularAssure programmes supporting the Circular Economy

- Recycled material qualification
- Recycled content verification
- Carbon footprint and lifecycle assessment support
- Recycling technologies, decontamination & risk assessment of recycled plastics
- Carbon footprint, lifecycle assessment support & eco-claims verification
- Material quality, safety and performance testing
- Design-for-recycling and recyclability / recycling support

Why Partner With Intertek Polymer Science?

- Over 40 years of global regulatory insight integrated with testing
- Support across packaging, food contact materials, cosmetics, healthcare, and consumer products
- Independent laboratory testing and certification
- Advanced materials characterisation and troubleshooting capabilities
- Circular economy and sustainability expertise through CircularAssure
- Support from R&D through manufacture, compliance and end-of-life considerations



'Helping you balance performance, compliance and sustainability in an evolving packaging landscape.'

Quality & Accreditation

- Certified to ISO 9001:2015 and ISO 45001:2018.
- ISO/IEC 17025 accredited testing laboratory. Accreditation issued by the Dutch Accreditation Council (RvA). Registration Number: L377 (Testing). Accredited scope available via the Dutch Accreditation Council (RvA) website: www.rva.nl

Partner with Intertek Polymer Science

Whether you are developing new packaging materials, qualifying recycled content, navigating regulatory requirements, or validating product performance, Intertek provides the scientific insight, testing expertise and regulatory support needed to move forward with confidence.

Accelerate innovation. Reduce risk. Bring safe, compliant and sustainable packaging to market.





Intertek is a leading Total Quality Assurance provider to industries worldwide.

Our network of more than 1,000 laboratories and offices in more than 100 countries, delivers innovative and bespoke Assurance, Testing, Inspection and Certification solutions for our customers' operations and supply chains. Intertek Total Quality Assurance expertise, delivered consistently with precision, pace and passion, enabling our customers to power ahead safely.

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